



CINT2000 Result

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IBM Corporation

IBM BladeCenter HS21 (1.60 GHz Xeon 5110, 4MB L2 Cache)

SPECint2000 = --

SPECint_base2000 = 1687

SPEC license #: 11 | Tested by: IBM Corporation | Test date: May-2006 | Hardware Avail: Jul-2006 | Software Avail: Mar-2006

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	1000 2000 3000 4000			
164.gzip	1400	141	993			[Bar chart showing ratio]			
175.vpr	1400	113	1237			[Bar chart showing ratio]			
176.gcc	1100	60.0	1833			[Bar chart showing ratio]			
181.mcf	1800	64.2	2806			[Bar chart showing ratio]			
186.crafty	1000	67.3	1486			[Bar chart showing ratio]			
197.parser	1800	144	1250			[Bar chart showing ratio]			
252.eon	1300	62.3	2087			[Bar chart showing ratio]			
253.perlbmk	1800	91.0	1977			[Bar chart showing ratio]			
254.gap	1100	67.0	1643			[Bar chart showing ratio]			
255.vortex	1900	65.9	2885			[Bar chart showing ratio]			
256.bzip2	1500	119	1257			[Bar chart showing ratio]			
300.twolf	3000	163	1842			[Bar chart showing ratio]			

Hardware

CPU: Intel Xeon processor 5110 (1.60 GHz, 1333 MHz bus)
CPU MHz: 1600
FPU: Integrated
CPU(s) enabled: 4 cores, 2 chips, 2 cores/chip
CPU(s) orderable: 1, 2
Parallel: No
Primary Cache: 32KB(I) + 32KB(D) on chip (per core)
Secondary Cache: 4096KB(I+D) on chip (per chip)
L3 Cache: N/A
Other Cache: N/A
Memory: 8 x 1024 MB ECC PC2-5300F
Disk Subsystem: 73GB SAS 15K RPM
Other Hardware: Memory and I/O Expansion Unit (P/N 42C1600)

Software

Operating System: Windows Server 2003 Enterprise Edition (32-bit)
Compiler: Intel C++ 9.1 for 32-bit applications
Build 20060323Z
Microsoft Visual Studio 2005(for libraries)
SmartHeap Library Version 8.0 from <http://www.microquill.com/>
File System: NTFS
System State: Default

Notes/Tuning Information

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+FDO: PASS1=-Qprof_gen PASS2=-Qprof_use
Base tuning for C programs: -fast +FDO shlw32M.lib
Base tuning for C++ programs: -fast -Qcxx_features +FDO shlw32M.lib
Portability flags:
176.gcc: -Dalloca=_alloca /F10000000
186.crafty: -DNT_i386
252.eon: -DHAS_ERRLIST
253.perlbmk: -DSPEC_CPU2000_NTOS -DPERLDLL /MT
254.gap: -DSYS_HAS_CALLOC_PROTO -DSYS_HAS_MALLOC_PROTO
```